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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/779,898	02/08/2001	Timo Hotti	017341-00030	6603

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LOCKE LIDDELL & SAPP, LLP.
Suite 3400
600 Travis
Houston, TX 77002-3004

EXAMINER

WANG, LIANG-CHE

ART UNIT PAPER NUMBER

2155

DATE MAILED: 11/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/779,898	Applicant(s) HOTTI, TIMO	
	Examiner Liang-che Alex Wang	Art Unit 2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 September 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 38-86 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 38-86 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 38-86 are presented for examination.
2. Claims 1-37 are cancelled.
3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 9/20/2005 has been entered.

Response to Arguments

4. Applicant's arguments filed 9/20/2005, have been fully considered but they are not persuasive, and is addressed in modified rejection.
5. In that remarks, applicant's argues in substance:

- a. That: Immerman does not teach, "determining, in the service database, a list of services based on the published user specific data."

This is found not persuasive because Immerman in Col 27 lines 33-37, teaches, administrator can auto generate (automatically determining) access control lists (ACLs are considered as a list of services) by opening ID policy database and security policy documents (based on the published user-specific data) on database 140 (in the service database).

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. Claims 38-86 are rejected under 35 U.S.C. 102(e) as being anticipated by Immerman et al., US Patent Number 6,574,617, hereinafter Immerman.
8. Referring to claim 38, Immerman teaches a method for managing data, comprising the steps of:
- a. in a community system (figure 6, the entire system corresponds to the a community) offering a plurality of services (Col 18 lines 5-15 and figure 18) including at least one service database (main database 140) containing service data (application page 238 Col 9 lines 28-33 and services listed on figure 18 corresponds to service data), at least one identity database (ID policy database 114) containing user-specific data (items 110 corresponds to user-specific data Col 9 lines 47-48), at least one service access point (SAP) (figure 9, item 200) having at least one user database (figure 9 items 204, 212, 214, 216) communicating with said service database and said identity database (Col 8 lines 13-15, Col 12 lines 25-50), maintaining user-specific data (figure 7 item 110) of at least one user of said at least

- one service access point (item 200) in the least one identity database (Col 10 lines 8-24),
- b. maintaining service data (application page 238, Col 9 lines 28-30) of at least one service in at least one service database (main database 140, Col 9 lines 28-30),
 - c. publishing at least part of the user-specific data of the identity database to the service database (Col 27 lines 34-37), and
 - d. determining in the service database a list of services based on the published user-specific data (Col 27 lines 33-37, administrator can auto generate (automatically determining) access control list (ACL is also considered as a list of services) by opening ID policy database and security policy documents (based on the published user-specific data) on database 140 (in the service database).)
9. Referring to claim 39, Immerman has further taught wherein the method further comprises a steps of exchanging user-specific data (ID and security data corresponds to user-specific data) between said identity database and said service access point by synchronizing the data between said identity database and said user database (Col 8 lines 33-35, Col 30 lines 21-23, server and clients are synchronized via paths 311 and 313.)
10. Referring to claim 40, Immerman has further taught wherein user-specific and preference data is replicated from the identity database to the user database so that the user database has at least partial copy of said identity and preference data (Col

19 lines 15-18, Col 30 lines 21-23, ACL is replicated from the server to the client.)

11. Referring to claim 41, Immerman has further taught wherein the method comprises a step of exchanging service data between said service database and said service access point by synchronizing the data between said service database and said user database (Col 12 lines 7-16)
12. Referring to claim 42, Immerman has further taught wherein service data is replicated from the service database to the user database so that the user database has at least partial copy of said service data (Col 19 lines 15-18).
13. Referring to claim 43, Immerman has further taught wherein the method comprises a steps of refreshing said replica copy of the user database with at least some data related to the data of said list of services (Col 30 lines 21-28, Group lists are corrected after each synchronization corresponds to the step of refreshing).
14. Referring to claim 44, Immerman has further taught wherein the method comprises a step of maintaining the identity and preference data in the user database (Figure 9, database 202, 212, 214, 216).
15. Referring to claim 45, Immerman has further taught wherein a service is selected from the list of services (Col 18 lines 5-15, figure 18).
16. Referring to claim 46, Immerman has further taught wherein the service data of at least one service comprises service executable application software (Col 9 lines 28-30, Col 34 lines 14-17, Figure 7, items 126).

17. Referring to claim 47, Immerman has further taught wherein the service data of at least one service comprises service configuration data (Col 12 lines 5-16).
18. Referring to claim 48, Immerman has further taught wherein at least some service data of said selected services is downloaded from the service database to the user database (figures 23 steps 468-469).
19. Referring to claim 49, Immerman has further taught wherein said selected service is executed using executed software binary data and configuration data available in the user database (figure 23 steps 468-469).
20. Referring to claim 50, Immerman has further taught wherein a selected service is located and invoked by using a uniform resource locator (URL) of the selected services (Col 14 lines 3-14, Col 15 lines 17-18).
21. Referring to claim 51, Immerman has further taught wherein said identity and preference data comprises information of user's location point and appropriate time information (Col 23 lines 8-14 and Col 15 lines 33-48).
22. Referring to claim 52, Immerman has further taught wherein said identity and preference data comprises information of user's usage history of services (Col 12 lines 11-14).
23. Referring to claim 53, Immerman has further taught wherein said identity and preference data comprises information of use's access authorization to the list of services (Col 10 lines 8-24).
24. Referring to claim 54, Immerman has further taught wherein said identity and preference data comprises information of the configuration of the service access point (Col 17 lines 49-51).

25. Referring to claim 55, Immerman has further taught wherein the method is compliant with at least one of the following communication specifications: TCP/IP, CDMA, GSM, GPRS, WCDMA, UMTS, Teldesic, Iridium, Inmarsat, WLAN and imode (Col 4 line 65 – Col 5 line 2).
26. Referring to claim 56, Immerman has further taught wherein at least one of the following operating systems is used in the service point: Unix, MS-windows, EPOC, NT, MSCE, Linux, PalmOS and GEOS (Col 8 lines 35-64, Microsoft IE resides and operates under MS-Windows.)
27. Referring to claim 57, claim 57 encompasses the same scope of the invention as that of the claims 38-56. Therefore, claim 57 is rejected for the same reason as the claims 38-56 (also noted, Col 42 lines 38-49).
28. Referring to claims 58-76 claims 58-76 encompass the same scope of the invention as that of the claims 38-56. Therefore, claims 58-76 are rejected for the same reason as the claims 38-56.
29. Referring to claim 77, Immerman has further taught wherein the service assembly point is a combination of a mobile station and a computer (Col 4 lines 45-49).
30. Referring to claim 78, Immerman has further taught wherein the service assembly point is a database server (see figure 6).
31. Referring to claim 80, Immerman has further taught wherein the service assembly point is a user terminal device (see figure 6).
32. Referring to claim 81, Immerman has further taught wherein the service database server and/or the identity database is arranged to operate at least one of the

following operating system s: Unix, MS-windows, NT and Linux. (Col 8 lines 35-64, Microsoft IE resides and operates under MS-Windows.)

33. Referring to claims 81-86 claims 81-86 encompass the same scope of the invention as that of the claims 38-56. Therefore, claims 81-86 are rejected for the same reason as the claims 38-56.

Conclusion

34. US Publication 2003/0017801, paragraph 14, disclosed a method for determining, in the service database, a list of services based on the published user specific data.
35. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Liang-che Alex Wang whose telephone number is (571)272-3992. The examiner can normally be reached on Monday thru Friday, 8:30 am to 5:00 pm.
36. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T Alam can be reached on (571)272-3978. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.
37. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair->

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direct.uspto.gov. Should you have questions on access to the Private PAIR
system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Liang-che Alex Wang *lw*
November 15, 2005


SALEH NAJJAR
SUPERVISORY PATENT EXAMINER